

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Pillai et al.

Serial No.: Unassigned

Examiner: Unassigned

Filed: May 29, 2002

Art Unit: Unassigned

For: AMINOCARBOXYLATE LIGANDS HAVING SUBSTITUTED  
AROMATIC AMIDE MOIETIES



**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In fulfillment of the requirements of candor and good faith set forth in 37 C.F.R. § 1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. § 1.97 and 1.98. These references are listed on the attached modified PTO Form No. 1449.

This Information Disclosure Statement is not a representation that the documents cited herein are considered most pertinent, or that a search has been undertaken, or that any of the cited documents is indeed prior art. The Examiner is invited to undertake an independent search.

The present application is a 37 C.F.R. 1.53(b) continuation of U.S. Application Serial No. 08/471,556, filed June 6, 1995, which is a divisional of U.S. Application Serial No. 08/010,909, filed January 29, 1993, which is a continuation-in-part of U.S. Serial No. 07/738,998, filed August 1, 1991 (the "Parent Applications") and relies upon the Parent Applications for an earlier filing date. Pursuant to Rule 37 C.F.R. 1.98(d), copies of these references are not enclosed because they were either previously cited by or submitted to the United States Patent and

**Express Mail Label No. EL413412686US**

**Date Of Deposit: May 29, 2002**

Trademark Office in the Parent Applications, which are relied upon for an earlier filing date under 35 U.S.C. § 120.

Pursuant to Rule 37 C.F.R. 1.97(b), an Information Disclosure Statement shall be considered by the Patent Office if filed before the mailing date of the first Official Action on the merits. Accordingly, no fee is believed necessary for entry and consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee required or credit any overpayment in such fees to Deposit Account No. 50-0540.

Applicants respectfully request that the Examiner consider and make of record the documents cited herein. Applicants further request that a copy of Form PTO-1449, appropriately initialed by the Examiner, be returned to Applicants' attorney.

Dated: 5/29/02

Respectfully submitted,

By: 

Donald L. Rhoads

Reg. No. 34,705

Li Cai

Reg. No. 45,629

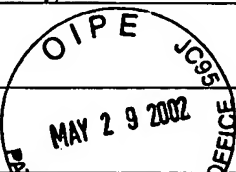
Attorneys for the Applicant

Tel. (212) 715-7588

Fax. (212) 715-8000

Kramer Levin Naftalis & Frankel LLP  
919 Third Ave.  
New York, New York 10022

**Express Mail Label No. EL413412686US**  
**Date Of Deposit: May 29, 2002**

Based on Form PTO-1449 (3/90) LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.  003102-00092	SERIAL NO.  Unassigned
	APPLICANT Pillai et al.	JC474 U.S. PTO 10/042721 05/29/02
	FILING DATE  May 29, 2002	

## U.S. PATENT DOCUMENTS

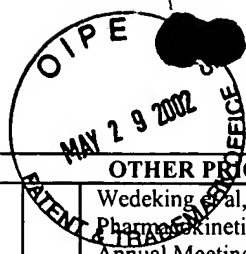
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	4,859,451	8/22/89	Quay et al				
	AB	4,687,659	8/18/87	Quay				
	AC	4,885,363	12/5/89	Tweedle et al				
	AD	4,647,447	3/3/87	Gries et al				
	AE	4,957,939	9/18/90	Gries et al				
	AF	4,963,344	10/16/90	Gries et al				
	AG	5,021,236	6/4/91	Gries et al				
	AH	4,983,376	1/8/91	Sherry				
	AI	4,889,755	2/13/90	Lauffer et al				
	AJ	4,631,337	12/23/86	Tomalia et al;				
	AK							
	AL							
	AM							
	AN							

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	AO	227421	10/26/90	New Zealand				
	AP	WO89/05802	6/29/89	World				
	AQ	78995/87	3/31/88	Australia				
	AR	0,230,893	8/5/87	Europe				
	AS	0,325,762	8/2/89	Europe				
	AT	61073/90	2/21/91	Australia				
	AU	31485/89	9/21/89	Australia				
	AV	WO/92/04336	3/19/92	World				
	AW	450,742	10/9/91	Europe				
	AX	2,039,846	10/7/91	Canada				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AAA	Villringer et al., "Dynamic Imaging with Lanthanide Chelates in Normal Brain: Contrast Due to Magnetic Susceptibility Effects", <i>Magnetic Resonance in Medicine</i> . 6. 164 - 174 (1988)
AAB	Shehadi, "Contrast Media Adverse Reactions: Occurrence, Recurrence, and Distribution Patterns", <i>Diagnostic Radiology</i> , Vol. 143, No. 1, pp. 11 - 17 (Ann 1982)
AAC	Bettmann, "Angiographic Contrast Agents: Conventional and New Media Compared". <i>AJE</i> . 139, pp. 787-794 (Oct. 1982)
AAD	Bettmann et al., "Recent Advances in Contrast Agents", <i>Radiologic Clinics of North America</i> . Vol. 24, No. 3, pp. 347 - 357 (Sept. 1986)
AAE	Wedeking et al., "Comparison of the Biodistribution of <sup>153</sup> Gd-Labeled Gd(DTPA)2-, Gd(DOTA)" and Gd(Acetate)n in Mice", <i>Mud. Med. Biol.</i> , Vol. 15, No. 4. nn. 395-402 (1988)
AAF	Tweedle et al., "Reaction of Gadolinium Chelates with Endogenously Available Tons". <i>Magnetic Resonance Imaging</i> . Vol. 9. pp. 409-415 (1991)
AAG	Tweedle, "Work in Progress Toward Nonionic Macrocyclic Gadolinium(III) Complexes", in <i>Contrast and Contrast Agents in Magnetic Resonance Imaging</i> , edited by P. A. Rink, European Workshop on Magnetic Resonance in Medicine. pp. 65 - 73 (1989)
AAH	Brechbiel et al., "Synthesis of 1-(p-Isothiocyanatobenzyl) Derivatives of DTPA and EDTA. Antibody Labeling and Tumor-Imaging Studies", <i>Inorg. Chem.</i> , 25, pp. 2772 - 2781 (1986)
AAI	Hoey et al., "Chemistry of X-ray Contrast Media", <i>Handbook of Experimental Pharmacology</i> . n. 23 - 125 (1984)



OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
AAJ		Wedeking et al., "Biodistribution and Excretion of New Gd-Complexes in Mice", p. 801 and "Multi-Tissue Pharmacokinetic Evaluation of MRI Contrast Agents; p. 802, Society of Magnetic Resonance in Medicine, 8th Annual Meeting, The RAI Consrescentrum. Amsterdam. The Netherlands (Aug. 12 - 18. 1989)
AAK		Cavagna et al., "Biliary Agents: New Formulations", International Symposium & Course, Liver Imaging - Present and Future in MRI, CT & US, Harvard Medical School - Boston. Massachusetts, 3 pages (June 25-27. 1990)
AAL		Broan et al., "Structure and solution stability of indium and gallium complexes of 1,4,7-triazacyclononanetriacetate and yttrium complexes of 1,4,7,10-tetra-azacyclododecanetetraacetate and related ligands...", J. Chem. Soc., Perkin Trans. 2.No. 1. pp. 87- 99(1991)
AAM		Dischino et al., "Synthesis of Nonionic Gadolinium Chelates Useful as Contrast Agents for Magnetic Resonance Imaging", Inorganic Chemistry, Vol. 30, No. 6, p. 1265-1269 (1991)
AAN		Society of Magnetic Resonance in Medicine, Book of Abstracts, 8th Annual Meeting, August 12 - 18, 1989

Sheet 2 of 2

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

USCOMM-DC 80-3995